



**DEPARTMENT OF DEFENSE**

**Office of the Secretary**

**[Transmittal No. 21-30]**

**Arms Sales Notification**

**AGENCY:** Defense Security Cooperation Agency, Department of Defense (DoD).

**ACTION:** Arms sales notice.

**SUMMARY:** The Department of Defense is publishing the unclassified text of an arms sales notification.

**FOR FURTHER INFORMATION CONTACT:** Neil Hedlund at [neil.g.hedlund.civ@mail.mil](mailto:neil.g.hedlund.civ@mail.mil) or (703) 697-9214.

**SUPPLEMENTARY INFORMATION:** This 36(b)(1) arms sales notification is published to fulfill the requirements of section 155 of Public Law 104-164 dated July 21, 1996. The following is a copy of a letter to the Speaker of the House of Representatives, Transmittal 21-30 with attached Policy Justification and Sensitivity of Technology.

Dated: February 25, 2022.

**Aaron T. Siegel,**

*Alternate OSD Federal Register Liaison Officer,*

*Department of Defense.*



**DEFENSE SECURITY COOPERATION AGENCY**  
201 12<sup>TH</sup> STREET SOUTH, SUITE 101  
ARLINGTON, VA 22202-5408

March 16, 2021

The Honorable Nancy Pelosi  
Speaker of the House  
U.S. House of Representatives  
H-209, The Capitol  
Washington, DC 20515

Dear Madam Speaker:

Pursuant to the reporting requirements of Section 36(b)(1) of the Arms Export Control Act, as amended, we are forwarding herewith Transmittal No. 21-30 concerning the Army's proposed Letter(s) of Offer and Acceptance to the Government of Norway for defense articles and services estimated to cost \$36 million. After this letter is delivered to your office, we plan to issue a news release to notify the public of this proposed sale.

Sincerely,

A handwritten signature in black ink, reading "Heidi H. Grant", is positioned below the word "Sincerely,".

Heidi H. Grant  
Director

Enclosures:

1. Transmittal
2. Policy Justification
3. Sensitivity of Technology

Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act, as amended

(i) Prospective Purchaser: Government of Norway

(ii) Total Estimated Value:

Major Defense Equipment*	\$30 million
Other	<u>\$ 6 million</u>
TOTAL	\$36 million

(iii) Description and Quantity or Quantities of Articles or Services under Consideration for Purchase:

Major Defense Equipment (MDE):

One hundred twenty (120) Javelin FGM-148 Missiles

Two (2) Javelin FGM-148 Missiles Fly to Buy

Non-MDE:

Also included are twenty-four (24) Javelin Block 1 Command Launch Units (CLUs) retrofit kits; spare parts; publications and technical documentation; personnel training; U.S. Government and contractor engineering, technical and logistics support services; and other related elements of logistical and program support.

(iv) Military Department: Army (NO-B-VKR)

(v) Prior Related Cases, if any: None

(vi) Sales Commission, Fee, etc., Paid, Offered, or Agreed to be Paid: None

(vii) Sensitivity of Technology Contained in the Defense Article or Defense Services Proposed to be Sold: See Attached Annex

(viii) Date Report Delivered to Congress: **March 16, 2021**

\*As defined in Section 47(6) of the Arms Export Control Act.

## POLICY JUSTIFICATION

### Norway – Javelin FGM-148 Missiles

The Government of Norway has requested to buy one hundred twenty (120) Javelin FGM-148 Missiles; and two (2) Javelin FGM-148 Missiles Fly to Buy. Also included are twenty-four (24) Javelin Block 1 Command Launch Units (CLUs) retrofit kits; spare parts; publications and technical documentation; personnel training; U.S. Government and contractor engineering, technical and logistics support services; and other related elements of logistical and program support. The estimated total cost is \$36 million.

This proposed sale will support the foreign policy goals and national security objectives of the United States by improving the security of a NATO ally which is an important force for political stability and economic progress in Europe. Norway intends to use the requested armaments to upgrade and increase its current inventory of anti-tank missiles. These articles will be used in defense operations for both Norway and NATO-led operations.

The proposed sale will improve Norway's capability to meet current and future threats by improving Norway's anti-tank capability and continuing to enhance their surface-to-surface missile capability. This proposed sale will allow Norway to employ its armed forces more effectively in the ground domain and continue its defensive support of NATO's northern flank. Norway will have no difficulty absorbing these weapons into its armed forces.

The proposed sale of this equipment and support will not alter the basic military balance in the region.

The prime contractors will be Raytheon/Lockheed Martin Javelin Joint Venture of Orlando, Florida, and Tucson, Arizona. Any offset agreements will be defined in negotiations between the purchaser and the contractor(s).

Implementation of this proposed sale will not require the assignment of any additional U.S. Government or contractor representatives to Norway.

There will be no adverse impact on U.S. defense readiness as a result of this proposed sale.

Notice of Proposed Issuance of Letter of Offer  
Pursuant to Section 36(b)(1)  
of the Arms Export Control Act

Annex  
Item No. vii

(vii) Sensitivity of Technology:

1. The Javelin Weapon System is a medium-range, man portable, shoulder-launched, fire and forget, anti-tank system for infantry, scouts, and combat engineers. It may also be mounted on a variety of platforms, including vehicles, aircraft and watercraft. The system weighs 49.5 pounds and has a maximum range in excess of 2,500 meters. The system is highly lethal against tanks and other systems with conventional and reactive armors. The system possesses a secondary capability against bunkers.
2. The key technical feature of the Javelin is the use of fire-and-forget technology, which allows the gunner to fire and immediately relocate or take cover. Additional special features are the top attack and/or direct fire modes, an advanced tandem warhead and imaging infrared seeker, target lock-on before launch, and soft launch from enclosures or covered fighting positions. The Javelin missile also has a minimum smoke motor, thus decreasing its detection on the battlefield.
3. The Javelin Weapon System is comprised of two major tactical components, which are a reusable Command Launch Unit (CLU) and a round contained in a disposable launch tube assembly. The CLU incorporates an integrated day-night sight that provides a target engagement capability in adverse weather and countermeasure environments. The CLU may also be used in a stand-alone mode for battlefield surveillance and target detection. The CLU's thermal sight is a second generation Forward Looking Infrared (FLIR) sensor. To facilitate initial loading and subsequent updating of software, all on-board missile software is uploaded via the CLU after mating and prior to launch.
4. The missile is autonomously guided to the target using an imaging infrared seeker and adaptive correlation tracking algorithms. This allows the gunner to take cover or reload and engage another target after firing a missile. The missile has an advanced tandem warhead and can be used in either the top attack or direct fire modes (for target undercover). An onboard flight computer guides the missile to the selected target.
5. The highest level of classification of defense articles, components, and services included in this potential sale is SECRET.
6. If a technologically advanced adversary were to obtain knowledge of the specific hardware or software elements, the information could be used to develop countermeasures that might reduce weapon system effectiveness or be used in the development of a system with similar or advanced capabilities.
7. A determination has been made that Norway can provide substantially the same degree of protection for the sensitive technology being released as the U.S. Government. This proposed sale is necessary in furtherance of the U.S. foreign policy and national security objectives outlined in the Policy Justification.

8. All defense articles and services listed in this transmittal have been authorized for release and export to the Government of Norway.

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